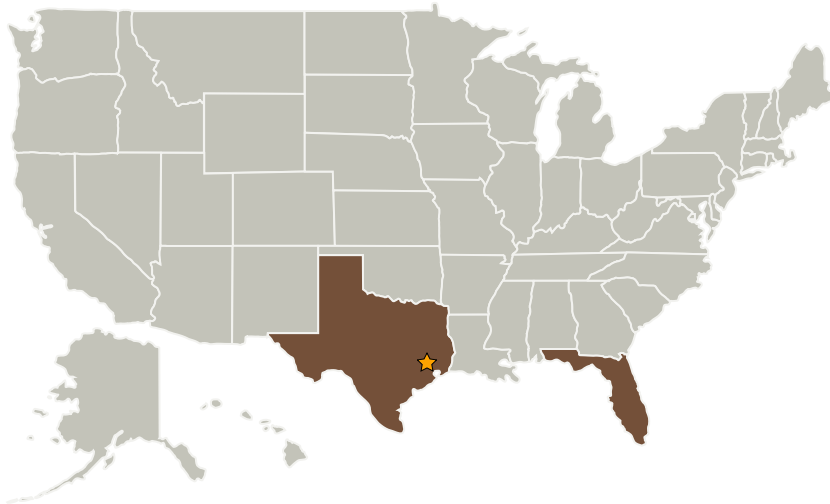


Phase I Demonstration of a Heat Pump Loop Thermal Control System, Phase I

Completed Technology Project (2001 - 2002)



Primary U.S. Work Locations and Key Partners



| Organizations Performing Work | Role | Type | Location |
|------------------------------------|-------------------------|-------------|--------------------|
| ★ Johnson Space Center(JSC) | Lead Organization | NASA Center | Houston, Texas |
| Mainstream Engineering Corporation | Supporting Organization | Industry | Rockledge, Florida |

| Primary U.S. Work Locations | |
|-----------------------------|-------|
| Florida | Texas |



Phase I Demonstration of a Heat Pump Loop Thermal Control System, Phase I

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Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Center / Facility:

Johnson Space Center (JSC)

Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

Phase I Demonstration of a Heat Pump Loop Thermal Control System, Phase I

Completed Technology Project (2001 - 2002)



Project Management

Program Director:

Jason L Kessler

Program Manager:

Carlos Torrez

Principal Investigator:

Robert Scaringe

Technology Areas

Primary:

- TX14 Thermal Management Systems
 - └ TX14.2 Thermal Control Components and Systems
 - └ TX14.2.3 Heat Rejection and Storage